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FORM PTO-1083

81707.0173

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

NAKAMURA, et al.

Serial No: 10/083,635

Filed: February 25, 2002

For: Laminated Piezo-Electric Device

Art Unit: 2834

Examiner: Thomas M. Dougherty

I hereby certify that this correspondence is being transmitted via facsimile to (703-872-9318), Group 2834, Commissioner for Patents, Washington D.C. 20231, on

January 22, 2003

Date of Deposit

Diane Zynn

Name

Signature

01/22/03  
Date

Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status has been claimed. See 37 CFR § 1.27.
- ☐ A certified copy of \_\_\_ Patent Application No. \_\_\_ filed \_\_\_ from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- ☐ A Notice Of Change Of Attorney's Address and Associate Power Of Attorney is enclosed.
- ☐ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE	ADD'L FEE DUE
TOTAL CLAIMS FEE	11	-	20	0	LG=\$18 SM=\$9	\$ 0
INDEPENDENT CLAIMS FEE	3	.	3	0	LG=\$84 SM=\$42	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140	\$ 0
Independent Claims: 1, 7, 8					TOTAL	\$ 0

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ A check in the amount of \$ 0 to cover the additional claims fee is enclosed. A copy of this sheet is enclosed.
- ☐ A check in the amount of \$ 0 to cover the extension fee is enclosed. A copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,  
HOGAN & HARTSON L.L.P.

By:

Lawrence J. McClure  
Registration No. 44,228  
Attorney for Applicant(s)

Date: January 22, 2003

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TECHNOLOGY CENTER 2800

PATENT  
81707.0173

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
NAKAMURA, et al.  
Serial No: 10/083,635  
Filed: February 25, 2002  
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Art Unit: 2834

Examiner: Dougherty, T. M.

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January 22, 2003

Date of Deposit

Diane Zynn

Name

*Diane Zynn*

Signature

01/22/03

Date

AMENDMENT

Box Non-Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated October 23, 2002, please amend the  
above-referenced application as follows:

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IN THE CLAIMS:

JAN 22 2003

Please cancel claim 2 without prejudice.

TECHNOLOGY CENTER 2800

Please replace the text of claims 1, 7 and 9 with the following text:

1. A laminated piezo-electric device comprising:

a pole-like laminate formed by alternately laminating piezo-electric layers  
and electrode layers in the direction of height;

a pair of outer electrode plates formed on the different side surfaces of said  
pole-like laminate, a pair of neighboring electrode layers having said piezo-electric  
layer sandwiched therebetween being electrically connected at their side surfaces to  
the outer electrode plates which are different from each other;

flexible protruded electrically conducting terminals on the side surfaces of  
said pole-like laminate on where the outer electrodes are arranged, said flexible